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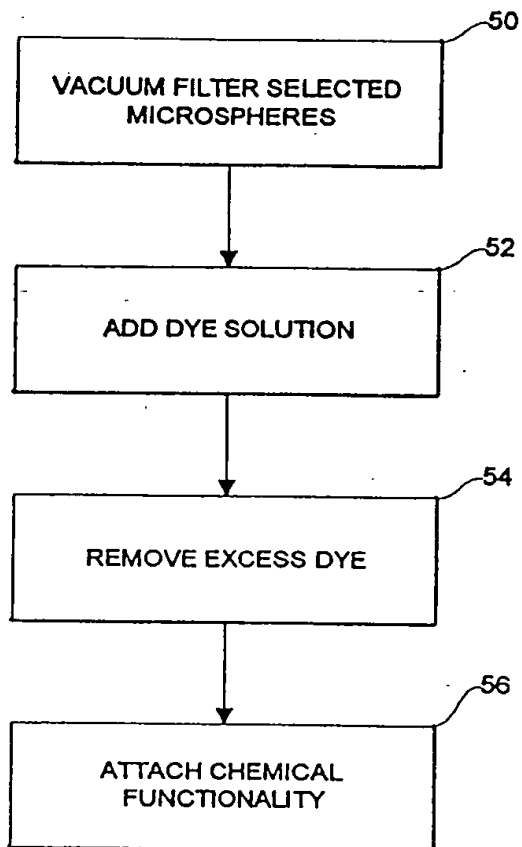
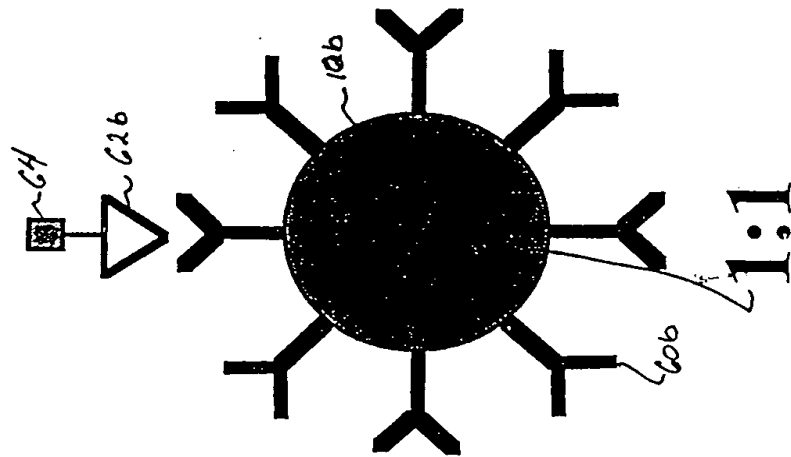
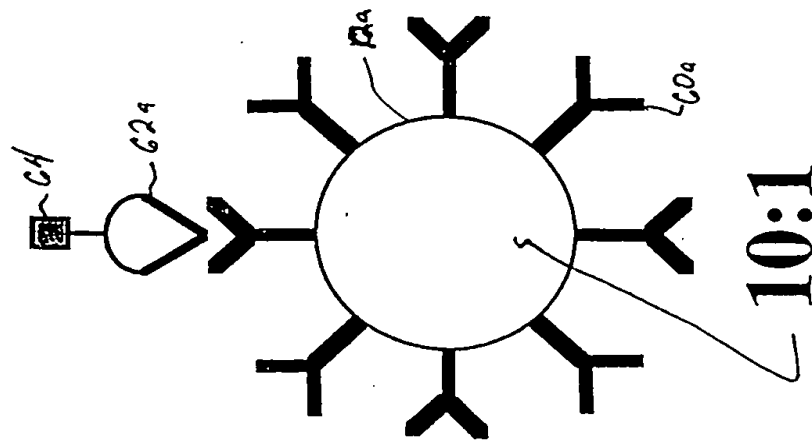
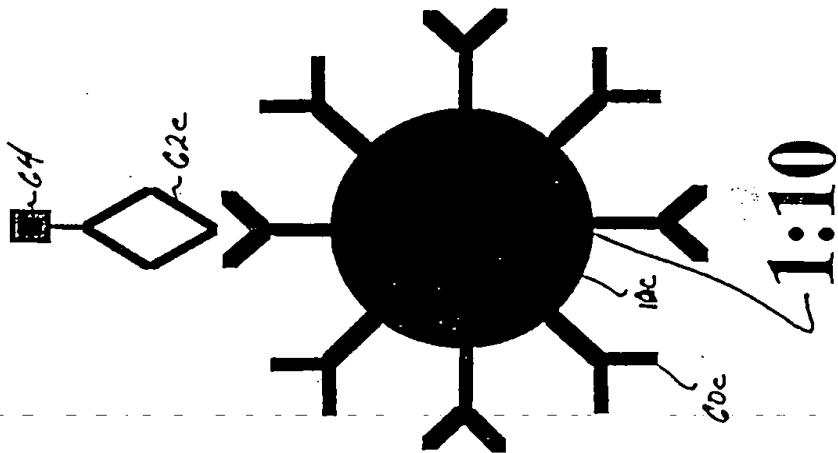


FIG. 2

100



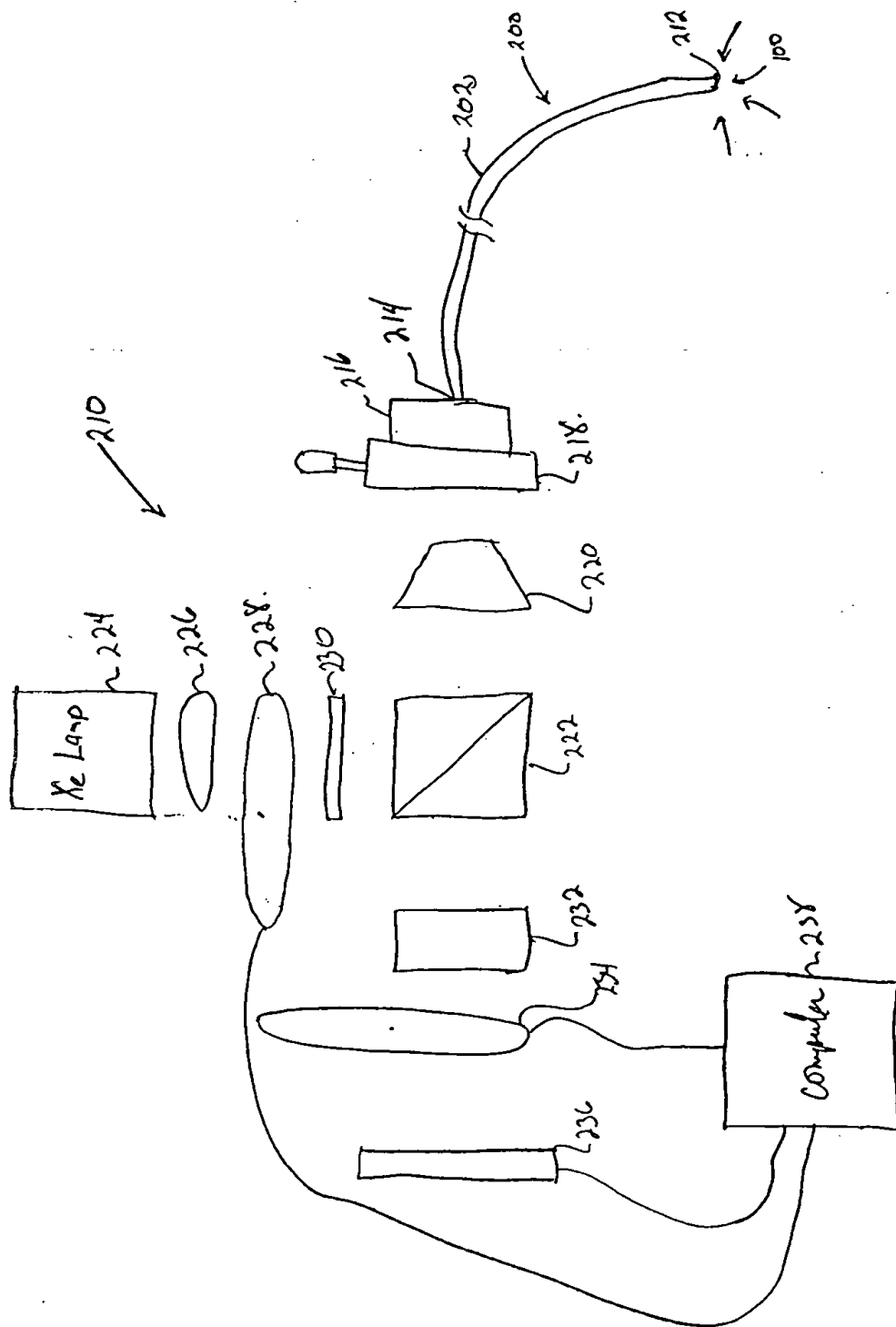


Fig. 4

Fig. 5A

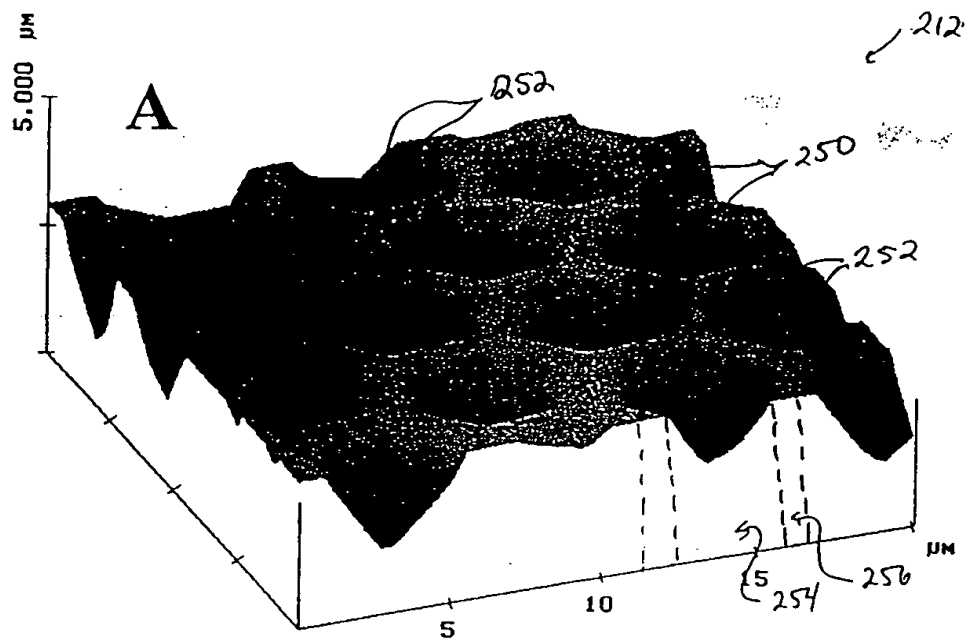
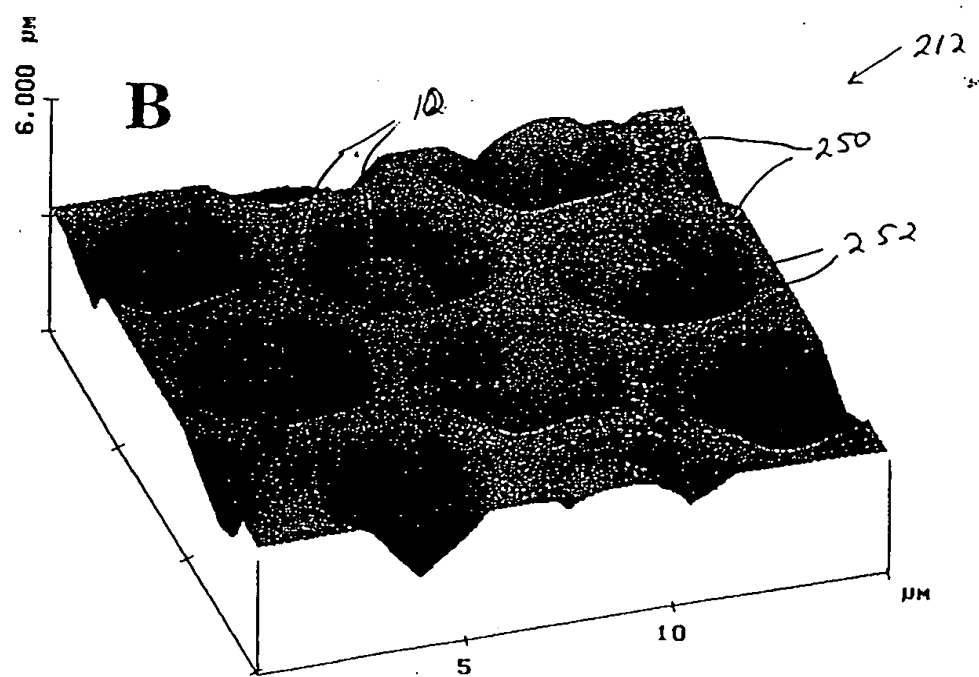


Fig 5B



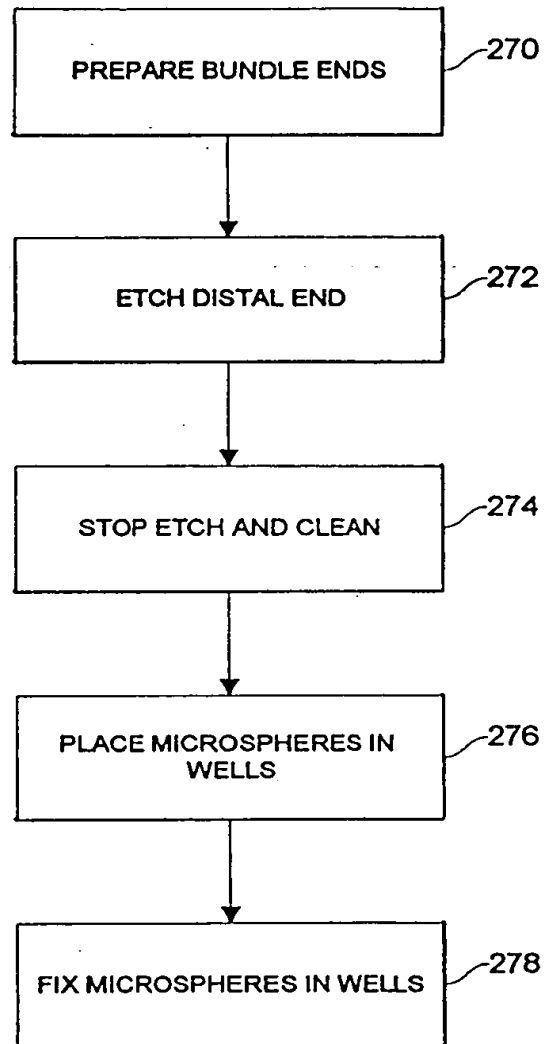


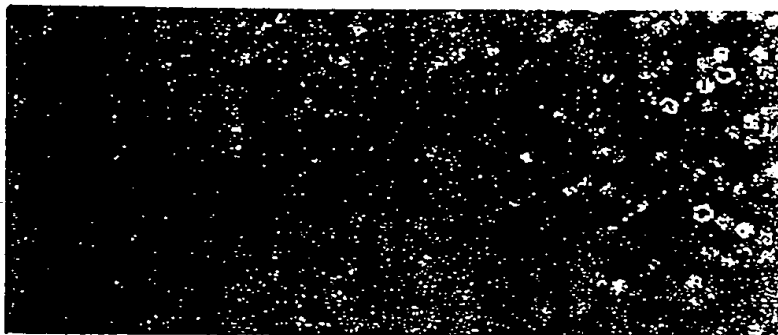
FIG. 6





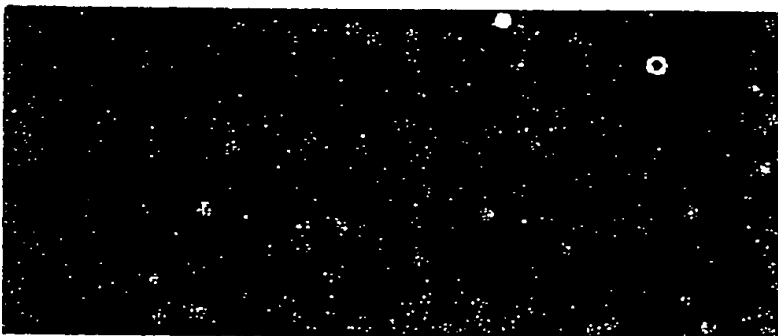
**Fluorescein Signal Generated from  
Fluorescein di-Phosphate by Alkaline  
Phosphatase on Encoded Microspheres**

Fig. 8A



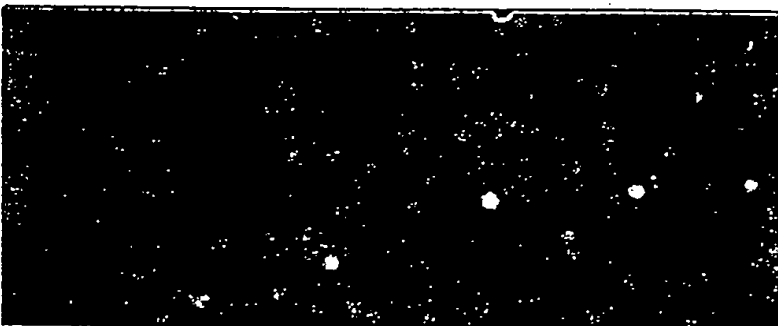
**Signal only from alkaline phosphatase  
Microspheres ex490/em530nm**

Fig. 8B



**Mixture of Encoded Microspheres  
ex577/em670nm**

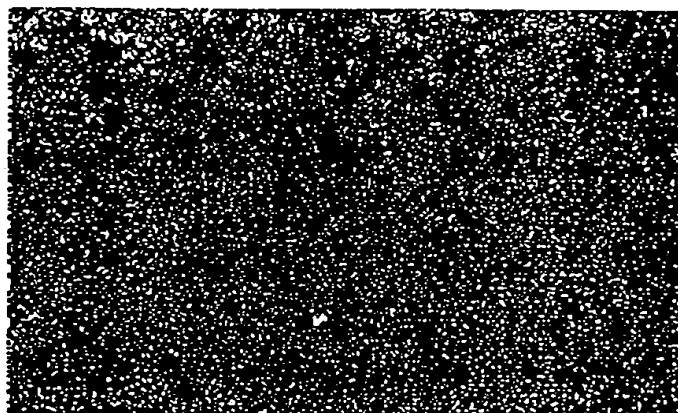
Fig. 8C



**Mixture of Encoded Microspheres  
ex577/em610nm**

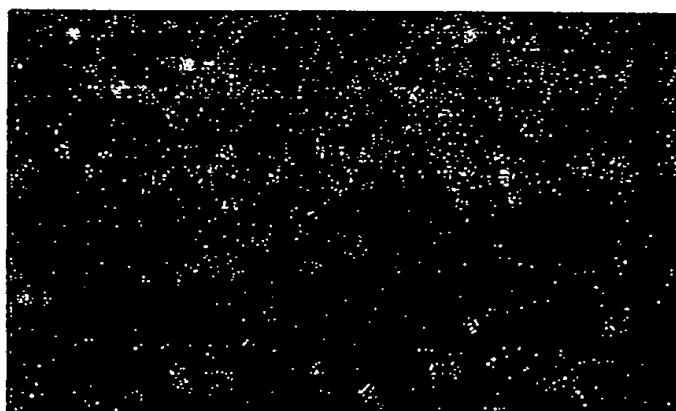
**Fluorescein Signal Generated  
from Fluorescein di- $\beta$ -galactopyranoside  
by  $\beta$ -Galactosidase Immobilized on  
Encoded Microspheres**

Fig. 9 A



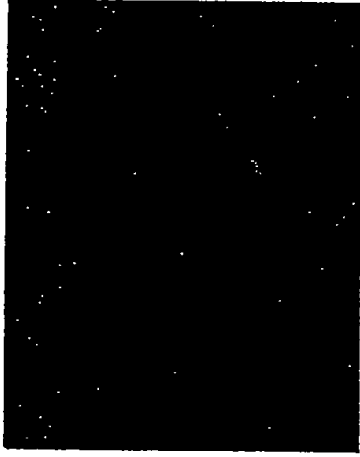
**Signal ex490/em530 nm**

Fig. 9B



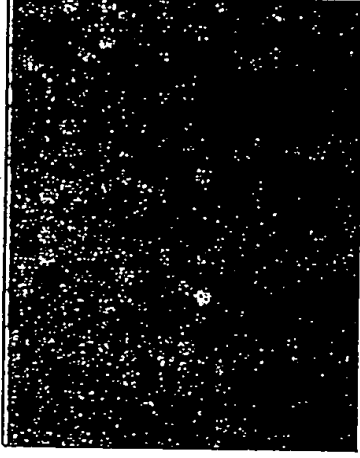
**Encoded Microspheres  
ex577/em670 nm**

3040 2480



Pre-Ag

Fig. 10A



Post-Ag

Fig. 10B